



Weekly Field Work Summary
8-12 October 2018
PFAS RI Field Program, Former Fort Devens, Massachusetts

1.0 WORK COMPLETED LAST WEEK

1.1 DPT Groundwater Profiling

Vertical profiling continued at AOC 74 and commenced at AOC 75.

- 74VP-18-08 completed. Samples collected from 92-96 to 132-136 ft bgs. Refusal at 146 ft bgs. Recharge at the deepest interval was insufficient to attain a sample.
- 74VP-18-05 samples collected from 22-26 to 110-114 ft bgs. Refusal at 114 ft bgs.
- 74VP-18-01 commenced with “bottom up” sampling methodology. Refusal at 106 ft bgs. Sample collected from 102-106 ft bgs was sent to the lab. The other samples collected using the “bottom up” methodology were discarded. The rig was offset and a new hole was drilled using the standard methodology of “top down” sampling. Samples were collected from 22-26 to 92-96 ft bgs.
- 75VP-18-08 samples collected from 17-21 to 97-101 ft bgs. Additional samples will be attempted next week.
- 74VP-18-03 samples collected from 22-26 to 62-66 ft bgs. Additional samples will be attempted next week.

1.2 Existing Well Sampling

Existing well sampling for Area 1 is complete.

1.3 Soil Sampling

No work conducted.

1.4 Surface Water and Sediment Sampling

A surface water and sediment sample will be collected from Balch Pond once access to the pond is attained. This is the only remaining surface water and sediment sample that needs to be collected for Area 1.

1.5 Overburden Monitoring Well Installation

No work conducted.

1.6 Bedrock Monitoring Well Installation

No work conducted.

2.0 FIELD CHANGES

The field change log is attached. No additions to the change log this week.

3.0 ANALYTICAL RESULTS

No analytical results received during last week.

4.0 RECOMMENDATIONS

No recommendations required at this time.

5.0 QUALITY CONTROL AND SAFETY

Daily quality control review of field notes performed. Field assessment of quality and safety performed on 08 October 2018. No safety issues or incidents occurred during the week.



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6.0 DELAYS/IMPACTS/ISSUES

- Modifications to the sampling screen and drilling procedures are being evaluated to increase efficiency and decrease potential for bent or broken drilling rods.
- Vegetation clearing is required to access DPT locations at AOC 57 and 74. We are discussing clearing needs with MassDev.
- Some of the drilling locations will be revised based on results of utility locating activities, safety considerations, and physical access considerations. The specific revisions will be presented in future weekly reports.

7.0 WORK PLANNED FOR NEXT WEEK

7.1 DPT Groundwater Profiling

Continue DPT locations at AOC 74 and AOC 75. Five vertical profiling locations remain for AOC 74. Eight vertical profiling locations remain for AOC 75.

7.2 Existing Well Sampling

No work planned.

7.3 Soil Sampling

No work planned.

7.4 Surface Water and Sediment Sampling

No work planned.

7.5 Overburden Monitoring Well Installation

No work planned.

8.0 FIELD SCHEDULE

The updated field schedule for the prior week and next three weeks is attached.



Field Change Log
PFAS Remedial Investigation Field Program
Former Fort Devens, Devens, Massachusetts

10/12/2018

| Change No. | Date | Area | AOC | Location ID | Description | Action Taken |
|------------|-----------|------|------------|-------------|--|--|
| 1 | 9/25/2018 | 1 | 57 | 57M-96-10X | Existing well blocked with roots/vegetation. | Sample will not be collected. |
| 2 | 10/1/2018 | 1 | 57 | 57WP-05-01 | Existing well could not be located. | Sample will not be collected. |
| 3 | 10/5/2018 | 1 | Grove Pond | 92-5 | Existing well is blocked with equipment and sample tubing could not be inserted. | Sample will not be collected. |
| 4 | 10/5/2018 | 1 | Grove Pond | 92-2 | Existing well is severely bent and a sampling tube could not be inserted to the well screen. | Sample will not be collected. |
| 5 | 10/5/2018 | 1 | 75 | 75VP-18-09 | The proposed location is within a high traffic area posing a health and safety risk. | Location was moved approximately 30 feet to the south. |
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Devens PFAS Remedial Investigation Field Work Schedule

Field Staff Schedule

15-Oct-18

| Task | Start | Finish | # of Work Days | 10/8/2018 | 10/9/2018 | 10/10/2018 | 10/11/2018 | 10/12/2018 | 10/13/2018 | 10/14/2018 | 10/15/2018 | 10/16/2018 | 10/17/2018 | 10/18/2018 | 10/19/2018 | 10/20/2018 | 10/21/2018 | 10/22/2018 | 10/23/2018 | 10/24/2018 | 10/25/2018 | 10/26/2018 | 10/27/2018 | 10/28/2018 | 10/29/2018 | 10/30/2018 | 10/31/2018 | 11/1/2018 | 11/2/2018 | |
|------------------------|------------|------------|----------------|-----------|-----------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|-----------|-----------|----|
| Establish Staging Area | 9/24/2018 | 10/19/2018 | 10 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Existing Well Sampling | 9/24/2018 | 10/5/2018 | 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| SW/SED Sampling | 9/26/2018 | 10/3/2018 | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| GW Profiling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DPT Rig 1 | 10/1/2018 | 11/30/2018 | 43 | KA | KA | KA | KA | KA | | | KA | KA | KA | KA | KA | | | KA | KA | KA | KA | KA | | | | KA | KA | KA | KA | KA |
| DPT Rig 2 | 10/8/2018 | 11/30/2018 | 38 | DK | DK | DK | DK | DK | | | DK | DK | DK | DK/AK | AK | | | AK | AK | AK | AK | AK | | | | AK | DK | DK | DK | DK |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Soil Sampling | 12/3/2018 | 12/11/2018 | 7 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| OB Monitoring Wells | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Rig 1 | 11/19/2018 | 12/21/2018 | 23 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Rig 2 | 11/19/2018 | 12/21/2018 | 23 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| OB Well Sampling | 1/7/2018 | 1/10/2018 | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | |

KA = Kevin Anderson (KGS)

MM = Melissa Miller (KGS)

BA = Brett Anchukaitis (KGS)

CV = Chris Vignola (KGS)

OJ = Owen Jackson (KGS)

DK = David Kortjohn (Jacobs)

AK = Alex Klisiaris (Jacobs)